

AMS Satellite Meteorology, Oceanography, and Climatology Committee Meeting Summary

1. **Meeting Participants:** The following people participated in the AMS Satellite Meteorology, Oceanography and Climatology (SatMOC) Committee meeting held on Wednesday, January 7, 2015, 6:15-8:15 a.m. (MST), in conjunction with the 95th AMS Annual Meeting in Phoenix, Arizona.

NAME	ORGANIZATION	E-MAIL
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2. Agenda:

- Welcome/Opening Remarks
- Highlight Committee Member News
- Review 2014 Accomplishments
- Discuss our Proposed Goals/Focus Areas for 2015
 - Promote and support involvement and engagement by AMS members in national and international satellite meteorology, oceanography and climatology meetings, events, and activities
 - Execution of the 5-8 January 2015 Joint AMS Satellite Meteorology Conference
 - Planning and execution of the 27 April-1 May 2015 NOAA Satellite Conference
 - Planning for the June 2016 Joint 21st AMS Satellite Meteorology-Air-Sea Interaction Conference
 - Planning for the October 2016 Joint 7th Asia-Oceania Satellite Meteorology Users Conference/AMS Satellite Meteorology Conference
 - Discussion on the September 2019 Joint EUMETSAT-AMS Satellite Conference
 - Support awareness of satellite meteorology, oceanography and climatology issues and activities through the AMS committee web portal (Justin Tsu, Ken Carey, Derek Posselt)
 - Promote excellence in satellite meteorology, oceanography and climatology by supporting awards to recognize extraordinary people (James Yoe and Jianglong Zhang)

- The Committee is responsible for nominating deserving individuals for the Remote Sensing Prize and Fellows, and for selecting and conferring the Satellite Meteorology, Oceanography, and Climatology AMS Committee award.
- Special Award
- Advocate for science-based decisions related to or involving satellite meteorology, oceanography and climatology systems, techniques, products and tools (Carol Anne Clayson)
 - FCC Spectrum Sharing Discussion
- Identify next steps

3. Discussion Highlights:

- K. Carey welcomed and thanked everyone for their committee participation, and noted the active involvement by most committee members that has resulted in numerous accomplishments and significant engagement by the AMS in satellite meteorology, oceanography and climatology issues, matters and science
- Committee Members:
 - Recognized departing committee members S. Nasiri for “...for outstanding service to the AMS Satellite Meteorology, Oceanography and Climatology Committee during her 6 years of voluntary and selfless service. Your leadership in expertly leading the team that selected student award winners reflected her passion to recognize top performing future leaders of our profession.” and G. Stephens for “...for excellent service to the AMS Satellite Meteorology, Oceanography and Climatology Committee during your 3 years of voluntary service. The AMS membership greatly benefited from your ability to leverage your extensive experience, connections and relationships through your long career of service to the satellite meteorology, oceanography and climatology stakeholders with our diverse weather, water and climate community.”; both received certificates signed by the AMS Executive Director
 - Welcomed B. Kahn (NASA/JPL) and E. Nelson (UW) as new committee members.
- AMS Awards
 - Committee submitted a Fellow Award nomination package that we need to review and update before the 1 May 2015 deadline
 - STAC Committee Award: bestowed Chris Velden with a plaque honoring both his long service on the committee and AMS, but also to our field, “...for outstanding scientific contributions to satellite observations of tropical cyclones and winds”
 - Remote Sensing Prize: Committee helps to nominate every 2 years; we will need to encourage nominees for this award
- AMS Perspectives
 - W. Seguin (STAC Commissioner) and C. Gorski (Director of Meetings) participated in our discussion
 - STAC newsletters and web pages have wealth of information to help committees
 - W. Seguin requested we update our 5-Year for 2019
 - C. Gorski requested feedback on this any other specialty meetings; although she is available for questions and feedback, J. Ives will be point of contact for the June 2016 joint meeting; S. Qirjazi will continue to be our annual meeting point of contact.
 - Early career award being proposed; STAC is considering how we can support Todd Lane's proposal to create a STAC early career award for best conference paper, similar to the student best paper award; M. Cairns came up with an idea after the Council meeting which the STAC Commissioners need to discuss.
 - Student travel grants for specialty meetings to be resurrected (dependent on funding); STAC will allow student committee members to compete for both best paper and travel grant funds derived from the \$1500 allocated to each symposium and conference; he STAC Commissioners just need document some guidelines.
 - Encouraged development of topical webinars (see Mountain Meteorology committee)

- Submit short conference summaries for the STAC newsletter
- M. Cairns is updating the AMS Glossary of Meteorology; would like a committee point of contact
- 2014 Accomplishments
 - Participated in the 2014 EUMETSAT Satellite Conference; co-chair one or more sessions; helped organize a special session on societal benefits of satellite data
 - Participated in the 5th Asia-Oceania Satellite Meteorology User's Conference (AOSMUC); 130 attendees with a declaration of intentions to work closer together, addition of Russia to the AOSMUC members, and a recommitment for the October 2016 Joint 7th AOSMUC and 2nd AMS-Asia Satellite Conference hosted by KMA in South Korea
 - Organized the 20th Conference on Satellite Meteorology and Oceanography, 11th Symposium on New Generation Operational Environmental Satellite Systems, and 3rd AMS Symposium on the Joint Center for Satellite Data Assimilation (JCSDA), 4-8 January 2015, Phoenix, Arizona; to include a Student-Mentor reception, the first-ever all-student session, and a highly successful student travel and presenter award competition
 - Helped plan for the 2015 NOAA Satellite Conference
 - Supported the AMS awards process by considering submissions of Fellow, Remote Sensing Prize and bi-annual Satellite Committee awards
 - Organized the state of science seminar or presentation at the 2015 AMS Annual Meeting
 - Developed a 5-Year Plan
- Upcoming Meetings
 - 27 April-1 May 2015 NOAA Satellite Conference, Greenbelt (MD) Marriott
 - EUMETSAT Satellite Conference, September 2015, Toulouse, France and hosted by Meteo France
 - 6th AOSMUC will be held in Japan in October 2015
 - 12th GOES-JPSS Symposium/4th JCSDA Symposium, in conjunction with the 96th AMS Annual Meeting, 10-14 January 2016, New Orleans, LA
 - Joint Satellite Meteorology, Oceanography and Climatology and Air-Sea Interaction Conference, June 2016, Madison, WI
 - 2nd AMS-7th AOSMUC to be held in South Korea in October 2016.
 - NOAA Satellite Conference: scheduled for 27 April-1 May 2015 at the greenbelt (MD) Marriott.
- 5-Year Plan:
 - W. Seguin requested that the committee update and resubmit our five-year plan to include 2019
 - M. Goldberg asked how we were going to meet the action, "*Consider a conference report on progress in addressing gaps in polar-orbiting satellite, Decadal survey missions, or assessments of US satellite programs*". That led to a healthy and productive discussion where C. Velden indicated he just had chaired a session on satellite mission gaps, and a commitment by M. Goldberg and G. McWilliams to organize a session/Town Hall and/or panel as part of the 2016 AMS Annual Meeting and 12th GOES-R/JPSS Satellite Symposium.
- R. Stuhlmann, the EUMETSAT conference staff and K. Carey have been discussing locations, conference venues, and roles and responsibilities for the 2019 Joint EUMETSAT-AMS Satellite Conference; after discussion, targeting late September 2019 meeting in Boston
- K. Carey thanked J. Tsu for his outstanding work to keep the SatMOC web pages up to date, and suggested we use social media to help promote activities related to satellite meteorology, oceanography and climatology to our members
- FCC Spectrum Repurposing
 - K. Carey summarized the purpose for this agenda item
 - C. A. Clayson highlighted the background and progress to date

- D. Lubar described the technical background, urgency and need for our involvement: In order to meet demand for radio spectrum in support of commercial smartphones and tablets (e.g., broadband wireless), the Administration is developing sharing strategies between Federal and commercial spectrum users. Spectrum currently authorized for use by NOAA satellite frequencies is either included in an upcoming FCC auction or is under study for a future auction. Identified critical (but not all) Federal receiving locations are contained within protection zones for the upcoming auction; other stations outside those zones may encounter radio frequency interference, which may impact reception of desired information.
- Town Hall, AMS blog and social media posts, and letters to stakeholders are planned
- **Next SatMOC Committee meeting will be held in April 2015**

4. Action Items:

- J. Yoe/J. Zhang: Working with the committee and colleagues across the AMS, compile a list of candidates for the Remote Sensing Prize, AMS Fellow, and STAC Committee Award. Update the letters of recommendation for last year's Fellow Award nominee. Ensure all are submitted by the 1 May deadline.
- All: Review your professional contact information, and update your AMS member profile as needed.
- D. Posselt/C. Velden/G. McWilliams/J. Yoe: Draft a 1-page conference summary of our 2015 Joint Satellite Meeting; K. Carey will submit to the AMS.
- All: If interested in being the Glossary of Meteorology committee contact, please let K. Carey know.
- K. Carey: Seek committee replacements for Lars Peter Riishojgaard for 2015, and for Derek Posselt for 2016.
- C. Velden: Develop and share a summary of your session on progress in addressing gaps in satellite programs.
- M. Goldberg/G. McWilliams/C. Velden: Work to create a special session/Town Hall, panel session or other event on progress in addressing gaps in satellites, Decadal survey missions, and assessments of US satellite programs.
- C. A. Clayson: Work with D. Lubar to raise AMS' and key stakeholder awareness, send letters to encourage action on the proposed FCC spectrum repurposing not later than March 2015, and work with third party to facilitate a Webinar or Public Meeting on this topic in the March / April 2015 timeframe.
- K. Carey: Work with the committee to revise the 5-Year Plan, and submit an update plan to D. Stensrud (STAC Commissioner).
- P. Ardanuy/F. Weng/M. Goldberg/G. McWilliams: Organize a short course focused on both the science and operational value of satellite data and applications as part of the 10-14 January 2016 96th AMS Annual Meeting in New Orleans.
- G. McWilliams/J. Yoe: Organize the 12th GOES-R/JPSS Symposium as part of the 10-14 January 2016 96th AMS Annual Meeting in New Orleans.
- K. Carey/B. Kahn/E. Nelson: Begin organizing committee discussions with J. Small (NCAR) and M. Anguelova (NRL) for the planned June 2016 Joint SatMOC and Air-Sea Interaction Conference in Madison, WI.
- All: Forward to K. Carey and J. Tsu all known recent/planned webinars/seminars etc. related to satellite meteorology, oceanography and climatology for posting on our committee web site. Consider whether we should support or host any webinars of our own.
- R. Stuhlmann/K. Carey: Move towards finalizing a venue for the 2019 Joint EUMETSAT-AMS Satellite Conference.